

CONTRACT REQUESTS FORM (CRF)

CEC-94 (Revised 5/11)

CALIFORNIA ENERGY COMMISSION



☒ New Contract 500-11-009 ☐ Amendment to Existing Contract: _____ Amendment Number: _____

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	Jamie Patterson	43	916-327-2342	1/21/1998

Contractor's Legal Name	Federal ID Number
The Regents of the University of California on behalf of the UC Davis Campus	94-6036494

Title of Project
Wind Ramp - Short Term Event Prediction Tool - Development and Implementation of an Analytical Wind Ramp Prediction Tool for the CAISO

Term	Start Date	End Date	Amount
New/Original Contract	12/15/2011	12/15/2013	\$ 398,662

Line up the Amendment information as best as possible within the following table.

Amendment #	End Date (mm/dd/yy)	Amount

Business Meeting Information

Proposed Business Meeting Date	11/16/2011	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Jamie Patterson	Time Needed:	5 minutes

Agenda Item Subject and Description

Possible approval of Agreement 500-11-009 with The Regents of the University of California on behalf of the UC Davis campus in the amount of \$398,662.00 to implement an analytical wind ramp event prediction tool for the California Independent System Operator. Match funding is being provided in the amount of \$109,364.00. (PIER electricity funding.) Contact: Jamie Patterson. (5 minutes)

Business Meeting approval is not required for the following types of contracts: *Executive Director's signature is required in all cases.*

- ☐ Contracts less than \$10k (*Policy Committee's signature is also required*)
- ☐ Amendment for a no-cost time extension. Must be first extension, less than one year and original contract less than \$100k.
- ☐ Contracts less than \$25k for Expert Witness in Energy Facility licensing cases and amendments.

Purpose of Contract or Purpose of Amendment, if applicable

This project will develop and implement a wind ramp event prediction system that is optimized to predict wind ramps in CAISO's control area. The region-specific weather regimes in the Tehachapi, San Geronio, Altamont, and Solano Wind Resource Areas will be the primary areas of focus. These areas, and other wind resource regions in California, are being studied due to the unique cause of wind ramps when compared to wind generation areas in other parts of North America.

California Environmental Quality Act (CEQA) Compliance

- Is Contract considered a "Project" under CEQA?

☐ Yes: skip to question 2 ☒ No: complete the following (PRC 21065 and 14 CCR 15378):

Explain why contract is not considered a "Project":

Contract will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because it involves analysis of wind data and development of a forecasting methodology..
- If contract is considered a "Project" under CEQA:

☐ a) Contract **IS** exempt. (Draft NOE required)

☐ Statutory Exemption. List PRC and/or CCR section number: _____

☐ Categorical Exemption. List CCR section number: _____

☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why contract is exempt under the above section:

☐ b) Contract **IS NOT** exempt. The Contract Manager needs to consult with the Energy Commission attorney assigned to their division and the Siting Office regarding a possible Initial Study.

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**Budgets Information**

Contract Amount Funded		Breakdown by FY			Funding Sources			
Funding Source	Amount	FY	Amount	Approved?	Funding Source	FY	Budget List No.	Amount
ARFVTF	\$	11-12	\$398,662	Yes	PIER-E	10-11	501.027I	\$398,662
ECAA	\$		\$					\$
State- ERPA	\$		\$					\$
Federal	\$		\$					\$
PIER - E	\$398,662		\$					\$
PIER - NG	\$		\$					\$
Reimbursement	\$		\$					\$
Other	\$		\$					\$
TOTAL:	\$398,662	TOTAL:	\$398,662		TOTAL:			\$398,662
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer		Contractor's Project Manager	
Name:	Ahmad Hakim-Elahi	Name:	Case van Dam
Address:	1850 Research Park Dr Ste 300	Address:	Dept. of Mechanical & Aeronautical Engineering One Shields Avenue
City, State, Zip:	Davis, CA 95618-6153	City, State, Zip:	Davis, CA 95618
Phone/ Fax:	(530) 754-7700 / (530) 754-8229	Phone/ Fax:	(530) 752-7741 / (530) 752-4158
E-Mail:	awards@ucdavis.edu	E-Mail:	cpvandam@ucdavis.edu

Contractor Is

- ☐ Private Company (including non-profits)
☒ CA State Agency (including UC and CSU)
☐ Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)

Selection Process Used

- ☐ Solicitation _____ Solicitation #: _____ # of Bids: _____ Low Bid? ☐ No ☐ Yes
☐ Non Competitive Bid (Attach CEC 96)
☒ Exempt Interagency

Civil Service Considerations

- ☐ Not Applicable (Contract is with a CA State Entity or a membership/co-sponsorship)
☒ Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)
☐ The Services Contracted:
 ☐ are not available within civil service
 ☐ cannot be performed satisfactorily by civil service employees
 ☐ are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system.
☐ The Services are of such an:
 ☐ urgent
 ☐ temporary, or
 ☐ occasional nature
 that the delay to implement under civil service would frustrate their very purpose.

Justification:

Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)

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**Payment Method**

- ☒ A. Reimbursement in arrears based on:
- ☐ Itemized Monthly ☒ Itemized Quarterly ☐ Flat Rate ☐ One-time
- ☐ B. Advanced Payment
- ☐ C. Other, explain:

Retention

1. Is contract subject to retention? ☒ No ☐ Yes
- If Yes, Do you plan to release retention prior to contract termination? ☐ No ☐ Yes

Justification of Rates

The overhead rates charged in this contract are the standard negotiated rates between the Energy Commission and the University of California. All other rates are standard published rates for the UC.

Disabled Veteran Business Enterprise Program (DVBE)

1. ☒ Not Applicable
2. ☐ Meets DVBE Requirements DVBE Amount:\$ _____ DVBE %: _____
- ☐ Contractor is Certified DVBE
- ☐ Contractor is Subcontracting with a DVBE: _____
3. ☐ Requesting DVBE Exemption (attach CEC 95)

Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?

- ☒ No ☐ Yes
- If yes, check appropriate box: ☐ SB ☐ MB ☐ DVBE

Is Contractor subcontracting any services?

- ☐ No ☒ Yes
- If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:
- TBD ☐ No ☐ SB ☐ MB ☐ DVBE

Miscellaneous Contract Information

1. Will there be Work Authorizations? ☒ No ☐ Yes
2. Is the Contractor providing confidential information? ☒ No ☐ Yes
3. Is the contractor going to purchase equipment? ☒ No ☐ Yes
4. Check frequency of progress reports
- ☐ Monthly ☒ Quarterly ☐ _____
5. Will a final report be required? ☐ No ☒ Yes
6. Is the contract, with amendments, longer than a year? If yes, why? ☐ No ☒ Yes

The Department of General Services has agreed to give the Commission blanket authority to execute multi-year contracts to support the Commission's RD&D Programs.

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**The following items should be attached to this CRF**

1. Scope of Work, Attach as Exhibit A.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
2. Budget Detail, Attach as Exhibit B.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
3. CEC 96, NCB Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
4. CEC 30, Survey of Prior Work	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
5. CEC 95, DVBE Exemption Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
6. Draft CEQA Notice of Exemption (NOE)	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
7. Resumes	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
8. CEC 105, Questionnaire for Identifying Conflicts		<input checked="" type="checkbox"/> Attached
9. CEC 106, IT Component Reporting Form		<input checked="" type="checkbox"/> Attached

Contract Manager_____
Date_____
Office Manager_____
Date_____
Deputy Director_____
Date

The following signatures are only required when contract approval is delegated to the Executive Office and not approved at a Business Meeting.
See Business Meeting Information Section.

Presiding Policy Committee_____
Date_____
Associate Policy Committee_____
Date_____
Executive Director_____
Date